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(54) Title: METHODS OF GENERATING STEM CELLS AND EMBRYONIC BODIES CARRYING DISEASE-CAUSING MUTATIONS AND METHODS OF USING SAME FOR STUDYING GENETIC DISORDERS

(57) Abstract: Stem cells, stem cell lines and differentiated cells, tissues and organs which carry disease-causing mutations are provided. There is also provided a method of identifying agents suitable for treating disorders associated with at least one disease-causing mutations such as myotonic dystrophy and van Waardenburg syndrome.

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